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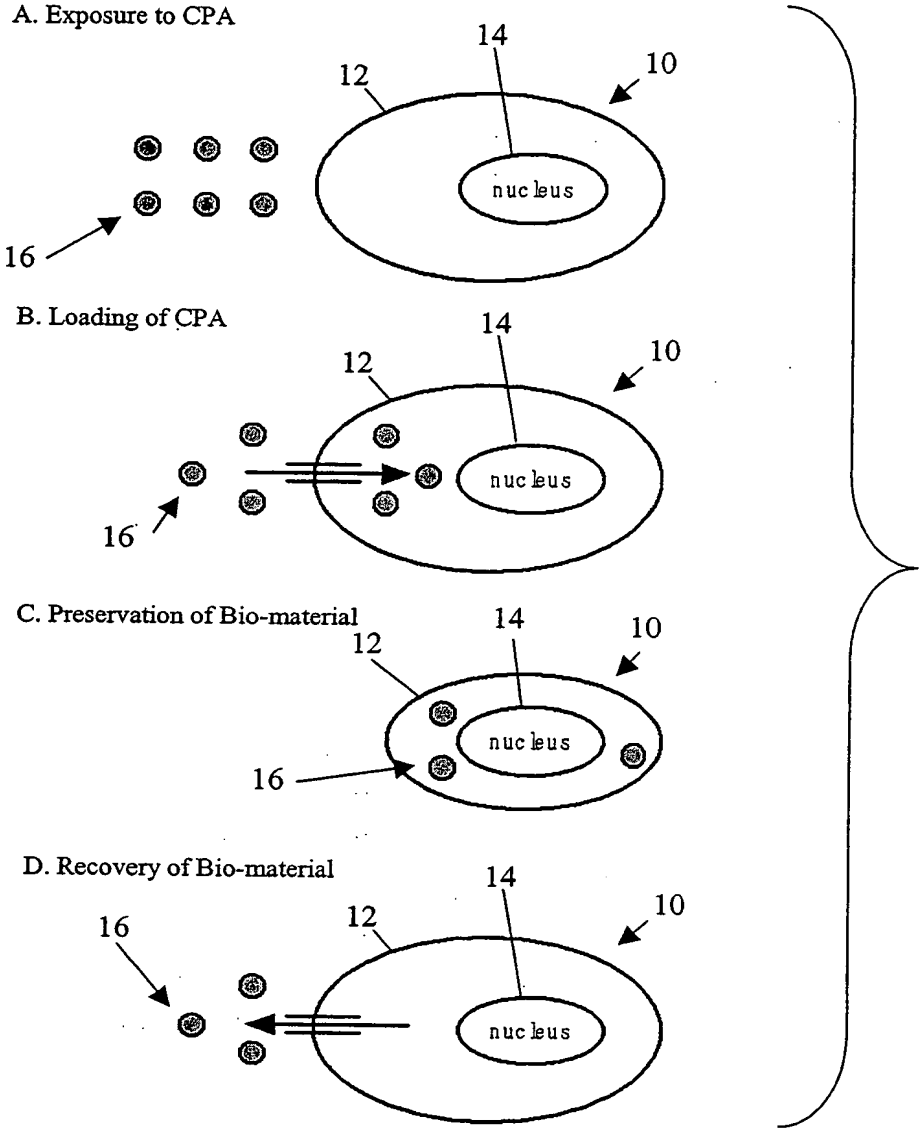


FIGURE 1

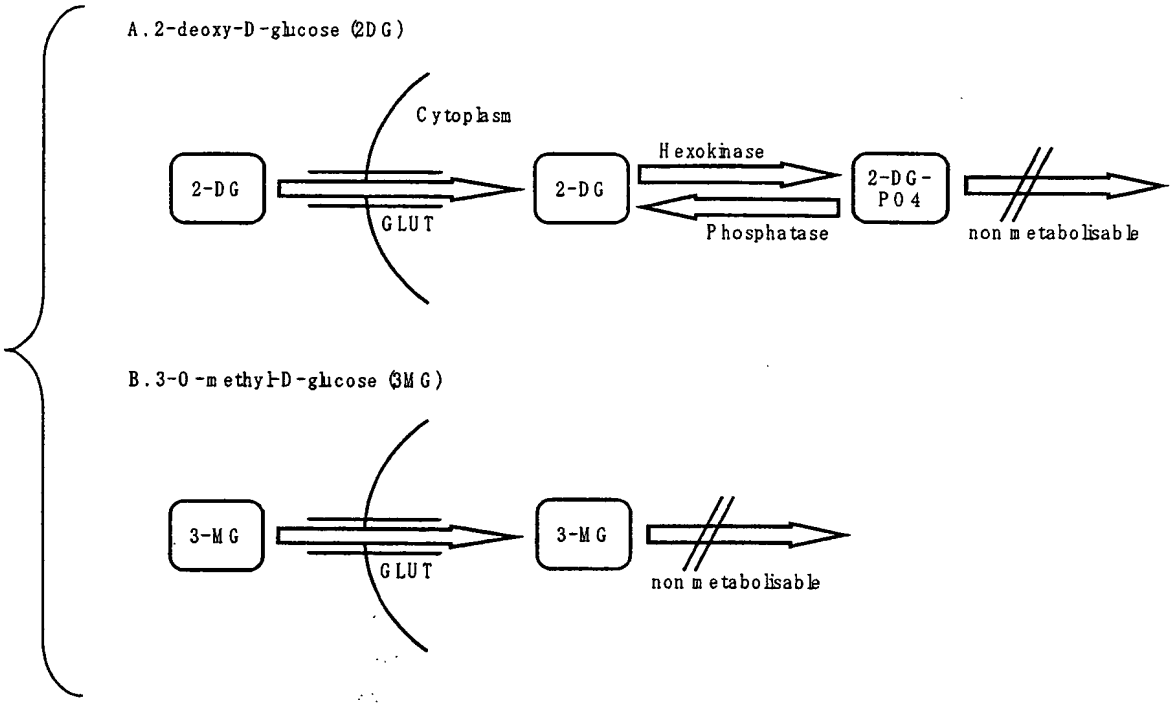
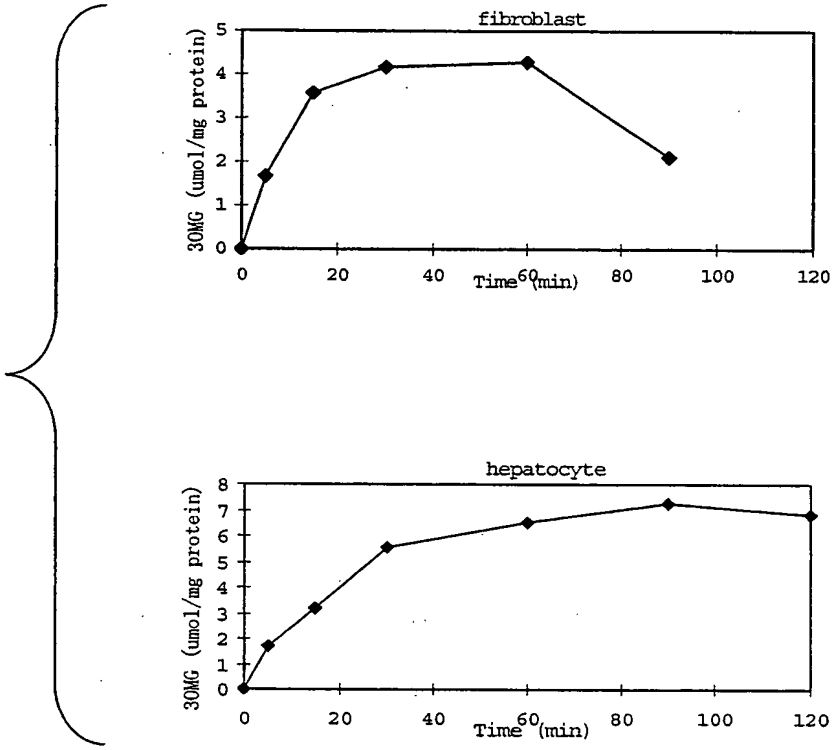
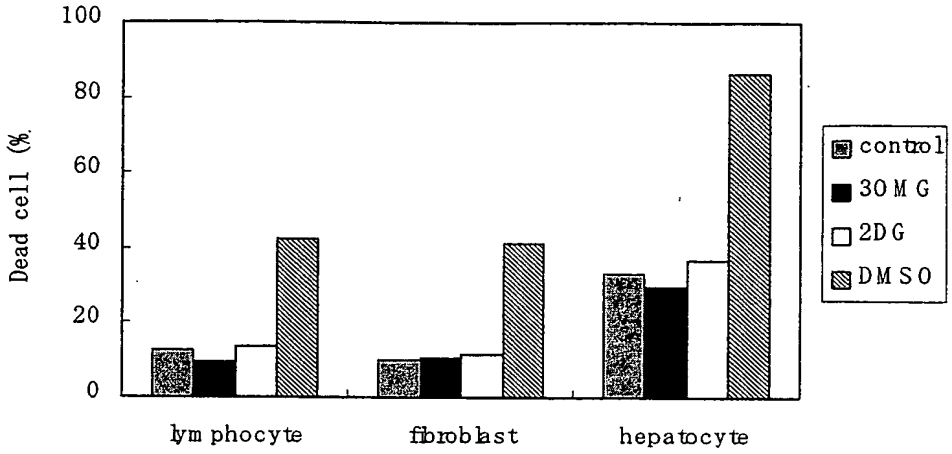

A. 2-deoxy-D-glucose (2DG)
Cytoplasm
2-DG
GLUT
2-DG
Hexokinase
Phosphatase
2-DG-P04
non metabolisable
B. 3-O-methyl-D-glucose (3MG)
3-MG
GLUT
3-MG
non metabolisable

FIGURE 2



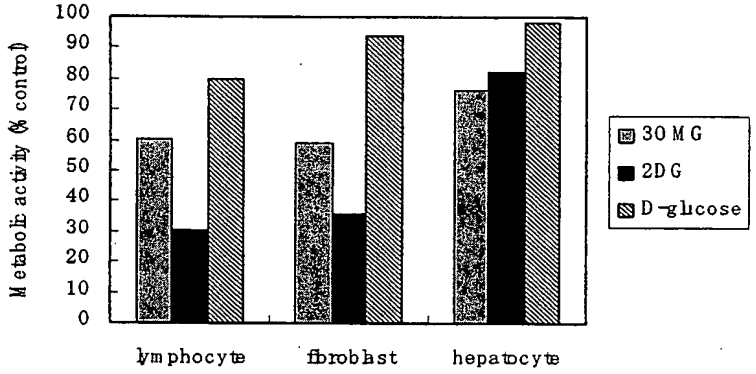
Concentration of intracellular 3OMG measured using radiolabeled 3OMG

FIGURE 3



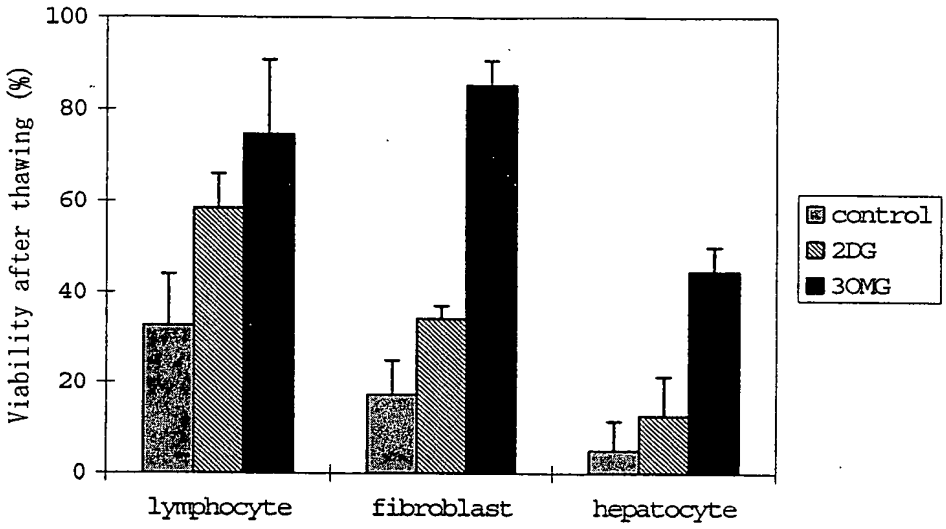
Percentage of dead cells after loading glucoses or DMSO

FIGURE 4



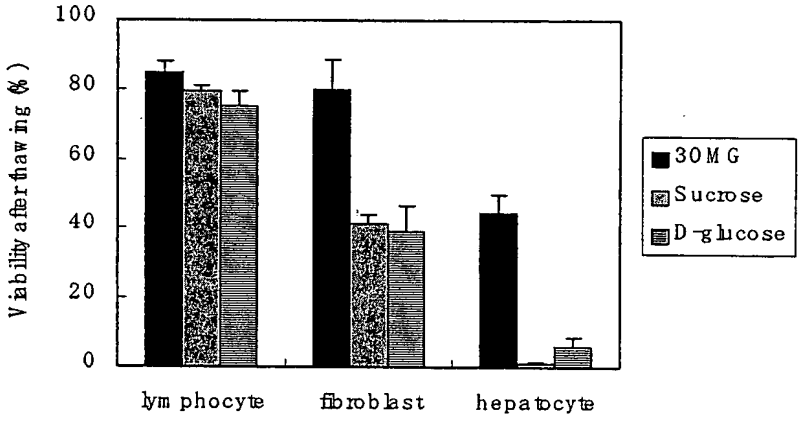
Metabolic activity was assessed measuring the MTT reduction activity

FIGURE 5



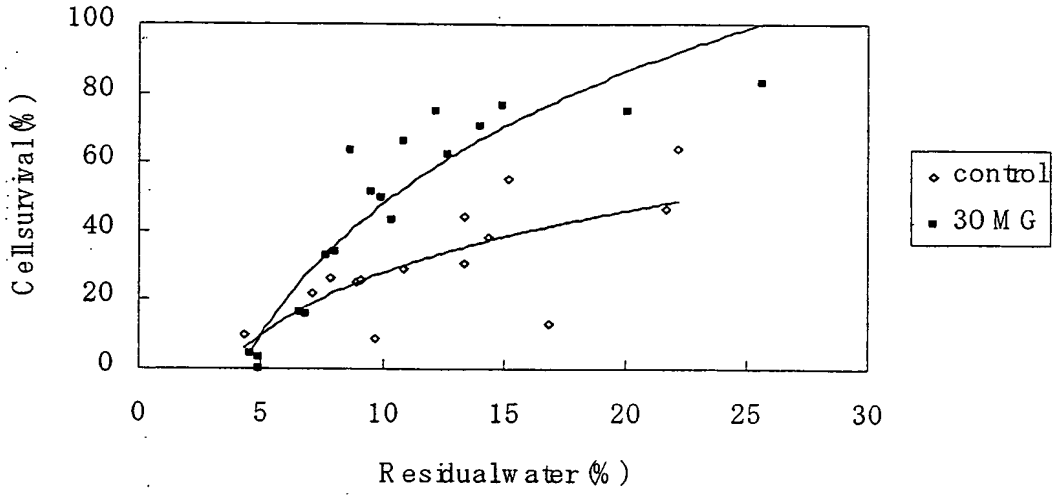
Viability of cryopreserved mammalian cells with glucose loading

FIGURE 6



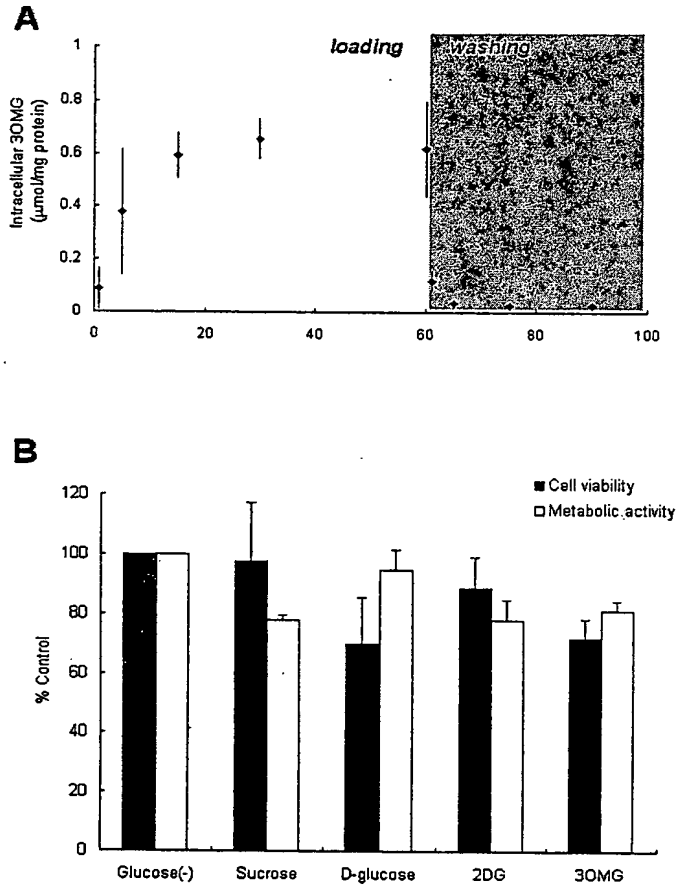
Viability of cryopreserved mammalian cells preserved using different agents

FIGURE 7



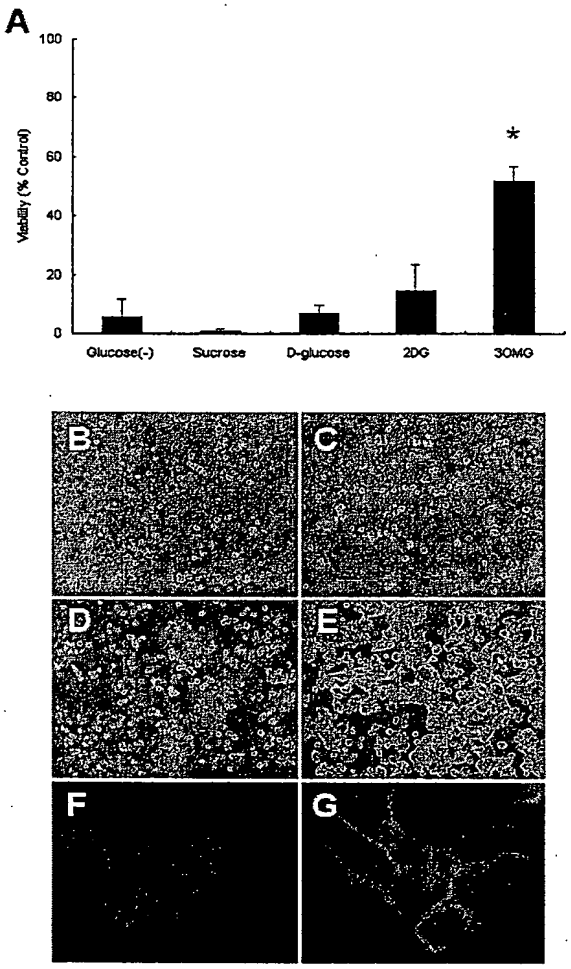
Cell survival as a function of residual water in the sample after drying with or without3OMG loading

FIGURE 8



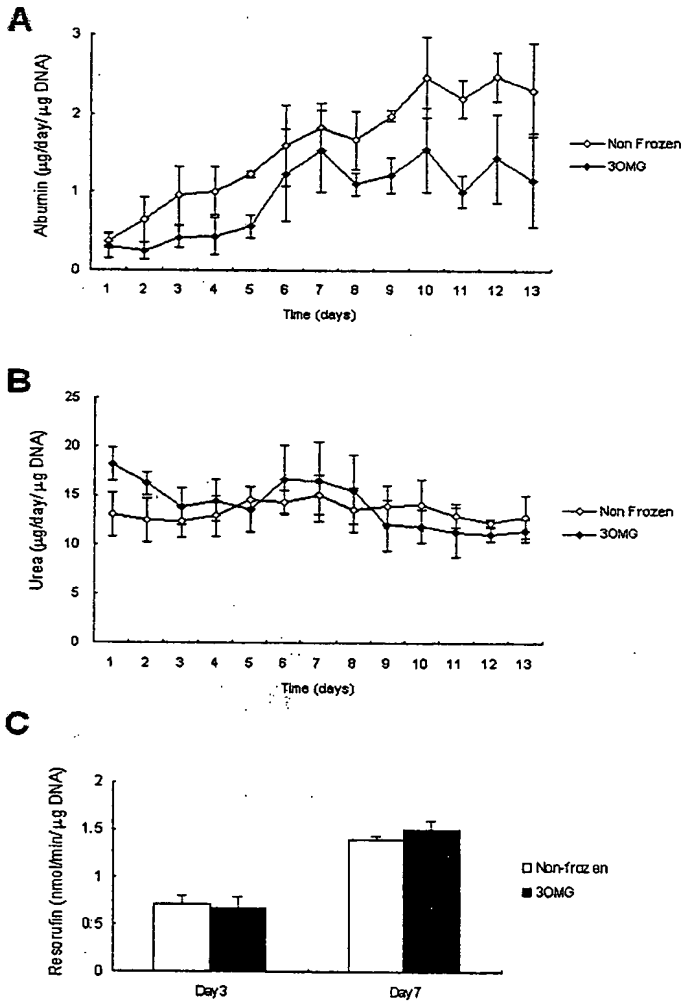
Kinetics of 3OMG uptake and efflux on hepatocytes and effects on viability and metabolic activity

FIGURE 9



Post-thaw viability of cryopreserved hepatocytes

FIGURE 10



Albumin production, urea production, and cytochrome P450 activity of treated hepatocytes

FIGURE 11